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PATENT APPLICATION

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

The Accompanying Application

Applicants : Charles Jack Fisher and Sau-Chi Betty Yan

For : METHOD OF TREATING HEPARIN-INDUCED
THROMBOCYTOPENIA

Docket No. : X-12451A

PRELIMINARY AMENDMENT

Assistant Commissioner for Patents

Washington, D. C. 20231

Sir:

Please amend the accompanying application as follows:

In the Specification

Please insert as the first paragraph:

This application is a continuation of Serial No. 09/439,066 filed November 12, 1999 which claims the benefit of U.S. Provisional Application No. 60/108,432, filed November 13, 1998.

In the Claims

Please cancel claims 1-10 and add the following new claims 11-17:

11. A method of treating a patient suffering from heparin-induced thrombocytopenia (HIT) which comprises,

administering to said patient 1 $\mu\text{g/kg/hr}$ to about 50 $\mu\text{g/kg/hr}$ of human activated protein C.

12. The method according to Claim 1, wherein the patient is administered 5 $\mu\text{g/kg/hr}$ to about 30 $\mu\text{g/kg/hr}$ of human activated protein C.

13. The method of Claim 12, wherein the human activated protein C is administered by continuous infusion for about 1 to about 240 hours.

14. A method of treating heparin-induced thrombocytopenia in a patient, which comprises administering human activated protein C in an amount to achieve an activated protein C level in said patient from 2 ng/ml to about 300 ng/ml.

15. The method of Claim 14 wherein the activated protein C is administered in a bolus injection.

16. The method of Claim 15 wherein the activated protein C is administered by continuous infusion for about 1 to about 240 hours.

17. The method of Claim 14 wherein the activated protein C is administered first as a bolus then as a continuous infusion.--

Remarks

Applicants request consideration of the claims as amended and allowance of this patent application.

Respectfully submitted,

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